

IN THE ABSTRACT OF THE DISCLOSURE

Please amend the Abstract as follows:

~~CACHE WRITE INTEGRITY LOGGING APPARATUS, SYSTEMS, AND METHODS~~

Abstract of the Disclosure

An apparatus, as well as systems, methods, and articles can operate to record the address of write operations to a memory cached by a non-volatile cache prior to executing an operating system cache driver. In an embodiment, a non-volatile cache may be implemented by creating a device option read only memory (ROM), or modifying the associated computer basic input-output system (BIOS) to trap software interrupts associated with disk and other media access requests. Associated addresses, such as logical block addresses, can be stored in a log for data that is modified. The resulting log can be stored in a non-volatile medium, including the cache itself. If the available log space is not large enough to record all write activity prior to loading operating system drivers, a flag may be set to indicate the overrun condition.